Best Available Copy		OIPE										
I hereby certify that, on the date shown below, this correspondence is I deposited with the United States Postal Service in an envelope add MISSING PARTS, ASSISTANT COMMISSIONER FOR PATE D.C. 20231, Under 37CFR § 1.8(a), with sufficient postage as first class ma under 37CFR § 1.10, as "Express Mail Post Office to Addresse	dressed to: BOX NTS, WASHINGTON	Attordey D										
transmitted by facsimile to the Patent and Trademark Office, Fax Number CN 028008 Attention: Examiner												
Date: July, 2001 By:Lois E. Miller		REC	EIVED									
IN THE UNITED STATES PATE	NT AND TRAE	DEMARK OFFIC	E JUL	3 1 2001								
In re application of:	Examiner:	S. Wegert	TECH CENT	ER 1600/290								
Christi L. PARHAM, et al.	Art Unit:	1647		20/								
Serial No.: 09/265,540	COMPUTER	R READABLE SE	EQUENCE	401								

Filed: March 8, 1999

HUMAN RECEPTOR PROTEINS; For:

RELATED REAGENTS AND METHODS

Palo Alto, California 94304

July __/7__, 2001

BOX Sequence 5 Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

COMPLIANCE WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

In reply to receipt of a "Notice to Comply" with requirements for patent applications containing nucleotide sequence and/or amino acid sequence 15 disclosures dated May 3, 2001, (paper no.18), for the above-identified application, in accordance with 37 CFR § 1.821 - 1.825, Applicants hereby submit: (1) a writeprotected diskette containing a computer-readable submission for the "Sequence Listing"; and (2) a "Sequence Listing" paper copy of the contents of the diskette.

REMARKS

Enclosed is a write protected floppy diskette with the sequence listing generated by the Patent Office's PATENTIN 3.1 program. The Diskette should comply with the requirements of 37 CFR §1.824 and is IBM PC compatible with a PC-DOS/MS-DOS operating system. If the diskette has been damaged, please call Applicants and a replacement diskette will be provided. A hard paper copy printout of the diskette is attached thereto.

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I hereby state the informational contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR 1.821(c) and (e), respectively, are believed to be the same. This submission introduces no new matter, since enclosed sequences are the same as sequences which were submitted in priority documents.

Applicants have invested over ten hours of significant labor and care in preparing the present submission. The enclosed items are a bona fide effort to bring the present application into full compliance with the rules for sequence submissions. Should this not be the case, Applicants respectfully request notification of specific deficiencies and an opportunity for remedy, as described in 37 CFR 1.135(c).

Applicants believe that no fees are required; however, if any fees are required by the present Response, the Commissioner is authorized to charge any fees or credit any overpayment to DNAX Research Institute Deposit Account No. 04-1239.

20

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15

Respectfully submitted,

Sheela Mohan-Peterson Attorney for Applicants

Reg. No. 41,201

25

enclosures and attachments:

request for an extension of time one write-protected diskette (CRM) paper copy of contents of diskette copy of notice to comply

30

35 **DNAX Research Institute** 901 California Avenue

Palo Alto, California 94304-1104

Main:

(650) 852-9196

Direct:

(650) 496-1244

40 Fax: (650) 496-1200

Christi L. PARHAM, et al., U.S.S.N.: 09/265,540

Filed: March 8, 1999,



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231
WWW.USDTO.GOV

A PPLICATION NO.I
C ONTROL NO.

FILING DATE

PATENT IN REEXAMINATION

farham

ATTORNEY DOCKET NO.

09/265,540

3-8-99

EXAMINER

S. Wegort

ART UNIT PAPER

DATE MAILED:

5-8-01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents

The communication filed 3/27/01 is not fully responsive to the Office communication mailed 3/07/01 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

Since the reply appears to be <u>bona fide</u> attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a TIME PERIOD of **ONE** (1) **MONTH** from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825) in order to avoid ABANDONMENT of the application under 37 CFR 1.821(g). EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

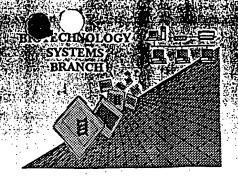
Any inquiry concerning this communication should be directed to Examiner Sandra Wegert, Art Unit 1647, whose telephone number is (703) 308-9346

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0196.

ELIZAZENI KENDOLE.

Elyabet C. Kemme





The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/265,5400Source: 1647

Date Processed by STIC:

RECEIVED

APR 0 4 2001

10H 13HWER 1600/29!

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 c-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 c-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

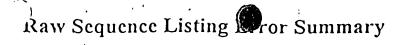
The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

http://www.uspto.gov/web/offices/pac/checker

162, 2008



SERIAL NUMBER: 09/26

ERROR DETECTED SUGGESTED CORRECTION

ATT	N: NEW RULES CASES:	PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
1	_ Wrapped Nucleics	The number/text at the end of each line "wrapped" down to the next line.
		This may occur if your file was retrieved in a word processor after creating it.
		Please adjust your right margin to .3, as this will prevent "wrapping".
2	_ Wrapped Aminos	The amino acid number/text at the end of each line "wrapped " down to the next line.
		This may occur if your file was retrieved in a word processor after creating it.
		Please adjust your right margin to .3, as this will prevent "wrapping".
3	_ Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.
4	_ Misaligned Amino Acid	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
	Numbering	between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
5	_ Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
		Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
6	Variable Length	Sequence(s) contain n's or Xaa's which represented more than one residue.
		As per the rules, each n or Xaa can only represent a single residue.
		Please present the maximum number of each residue having variable length and
		indicate in the (ix) feature section that some may be missing.
7	Patentin ver. 2.0 "bug"	A "bug" in Patentin version 2.0 has caused the <220>-<223> section to be missing from amino acid
	•	sequence(s) Normally, Patentin would automatically generate this section from the
		previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
		to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223>
		sections for Artificial or Unknown sequences.
8	Skipped Sequences	Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
	(OLD RULES)	(2) INFORMATION FOR SEQ ID NO:X:
	(000 110000)	(i) SEQUENCE CHARACTERISTICS: (Do not insert any headings under "SEQUENCE CHARACTERISTICS"
		(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
		This sequence is intentionally skipped
		Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
9	Skinned Consumers	Commenced to the Market of the second of the
<i>-</i>	Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
1	(NEW NOCES)	<210> sequence id number <400> sequence id number
1		000
, J	Marie de la companya	
٠ <u>-</u>	Use of n's or Xaa's	Use of n's and/or Xaa's have been detected in the Sequence Listing.
	(NEW RULES)	Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
		In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
1	Use of <213>Organism	Sequence(s) are missing this mandatory field or its response.
	(NEW RULES)	
,	Heret 1000 F	
' ——	Use of <220>Feature (NEW RULES)	Sequence(s) are missing the <220>Feature and associated headings. Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
	,	Please explain source of genetic material in <220> to <223> section.
	•	(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Res
	.	
·—	Patentin ver. 2.0 "bug"	Please do not use "Copy to Disk" function of Patentin version 2.0. This causes a corrupted
		file, Tesalting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).

Instead, please use "File Manager" or any other means to copy file to floppy disk.

1647

RAW SEQUENCE LISTING DATE: 03/27/2001
PATENT APPLICATION: US/09/265,540D TIME: 10:50:04

Input Set : A:\804k.app
Output Set: N:\CRF3\03272001\1265540D.raw

Does Not Comply
Corrected Diskette Needed

```
3 <110> APPLICANT: Parham, Christi L.
         Moore, Kevin W.
         Murgolo, Nicholas J.
         Bazan, J. Fernando
 8 <120> TITLE OF INVENTION: Human Receptor Proteins; Related Reagents and Methods
10 <130> FILE REFERENCE: DX0804K
12 <140> CURRENT APPLICATION NUMBER: 09/265,540D
13 <141> CURRENT FILING DATE: 1999-03-08
15 <160> NUMBER OF SEQ ID NOS: 6
17 <170> SOFTWARE: PatentIn Ver. 2.0
19 <210> SEQ ID NO: 1
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        translated amino acid depends on genetic code
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35 <221> NAME/KEY: unsure
36 <222> LOCATION: (573)
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47 <221> NAME/KEY: unsure
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49 <223> OTHER INFORMATION: n at position 1342; n may be A, C, G, or T;
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58 <400> SEQUENCE: 1
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61 agatggctga gatggacaga atgctttatt ttggaaagaa acaatgttct aggtcaaact 120
63 gagtetacca a atg cag act ttc aca atg gtt cta gaa gaa atc tgg aca 170
                Met Gln Thr Phe Thr Met Val Leu Glu Glu Ile Trp Thr
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RAW SEQUENCE LISTING PATENT APPLICATION: US/09/265,540D DATE: 03/27/2001 TIME: 10:50:04

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			GIu	vai	Ala	Ile		Pro	Ala	Pro	Gln	Asn	Leu	Ser	Val	Leu	Ser	•	
	73						35					40					45		
	75	acc	aac	atg	aag	cat	ctc	ttg	atg	tgg	agc	cca	gtg	atc	gcg	cct	gga	31	4
						His													
	77				-	50				•	55					60			
	79	gaa	aca	ata	tac	tat	tct	atc	maa	tac		ααα	aaa	tac	aaa		cta	36	.n
						Tyr													4
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	83	tac	acg	agc	cac	atc	tgg	atc	ccc	agc	agc	tgg	tgc	tca	ctc	act	gaa	41	.0
		Tyr	Thr	Ser	His	Ile	Trp	Ile	Pro	Ser	Ser	Trp	Cys	Ser	Leu	Thr	Glu	ļ.	
	85			80					85					90					
	87	ggt	cct	gag	tgt	gat	gtc	act	gat	qac	atc	acq	gcc	act	qtq	cca	tac	4 5	8
						Asp													
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			Leu	Arg	vaı	Arg		Thr	Leu	GIY			Tnr	Ser	Ala	Trp			
	93						115					120					125		
						ccc													4
	96	Ile	Leu	Lys	His	Pro	Phe	Asn	Arg	Asn	Ser	Thr	Ile	Leu	Thr	Arg	Pro)	
	97					1,30					135					140			
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	108	Pro	Gly	' Ala	ı Glu	Glu	His	Val	Lys	Met	. Val	Arg	Ser	Gly	/ Gly	/ Ile	e Pr	0	
	109		175	•				180					185	i					
	111	gtg	cac	cta	gaa	acc	atg	gag	cca	qqq	gct	qca	tac	tqt:	gto	aad	q qc	c 7	46
	112	Val	His	Leu	Glu	Thr	Met	Glu	Pro	Glv	Ála	Ãla	Tvi	CVS	va i	Lvs	s Al	a	
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7	117					210					215					220			
<i>-</i>	119	gaa	tgt	: gtg	gar	gtg	caa	gga	gag	gcc	att	ccc	ctg	gta	cte	ge	c ct	.g 8	42
(A) (A)	120	Glu	Cys	Val	. Xaa	Val	Gln	Gly	Glu	Ala	Ile	Pro	Leu	(Va)	Lei	ı Ala	a Le	:u	
	121				225					230					235				
	123	ttt	gcc	ttt	gtt	ggc	ttc	atq	cta	ato	ctt	ata	ato	ato	CC	cto	tt.	.c 8	90
						Gĺy													
	125			240		1			245					250					
		ato	tan			ggc	000	at-			+=~	+	+~+						
																			38
		val			met	Gly	Arg			GID	ryr	ser		_	PIC	va.	r va	1	
	129		255					260					265	,					



DATE: 03/27/2001 TIME: 10:50:04

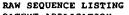
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     133 270
                           275
                                                280
     135 agc tgc aga agg gag gag gtg gat gcc tgt gcc acg gct gtg atg tct
                                                                          1034
     136 Ser Cys Arg Arg Glu Glu Val Asp Ala Cys Ala Thr Ala Val Met Ser
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                                            295
                                                                300
     139 cct gag gaa ctc ctc agg gcc tgg atc tca taggtttgcg gaagggccca
                                                                          1084
     140 Pro Glu Glu Leu Leu Arg Ala Trp Ile Ser
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     141
                                        310
     143 ggtgaagccg agaacctggt ctgcatgaca tggaaaccat gaggggacaa gttgtgtttc 1144
     145 tgttttccgc cacggacaag ggatgagaga agtaggaaga gcctgttgtc tacaagtcta 1204
     147 gaagcaacca tcagaggcag ggtggtttgt ckaacagaac aaytgactga ggytakrggg 1264
     149 gwtgtgacct ctagactktg ggstkscayt tgcwtggytg agcaaccctg ggaaaagtga 1324
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     166 Ala Ile Leu Pro Ala Pro Gln Asn Leu Ser Val Leu Ser Thr Asn Met
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                 35
                                     40
                                                         45
     169 Lys His Leu Leu Met Trp Ser Pro Val Ile Ala Pro Gly Glu Thr Val
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                               55
                                                    60
     172 Tyr Tyr Ser Val Glu Tyr Gln Gly Glu Tyr Glu Ser Leu Tyr Thr Ser
     173 65
                            70
                                                 75
     175 His Ile Trp Ile Pro Ser Ser Trp Cys Ser Leu Thr Glu Gly Pro Glu
     178 Cys Asp Val Thr Asp Asp Ile Thr Ala Thr Val Pro Tyr Asn Leu Arg
     179
                    100
                                        105
                                                           110
     181 Val Arg Ala Thr Leu Gly Ser Gln Thr Ser Ala Trp Ser Ile Leu Lys
     182
                115
                                   120
                                                       125
     184 His Pro Phe Asn Arg Asn Ser Thr Ile Leu Thr Arg Pro Gly Met Glu
     185
                                135
                                                    140
W--> 187 Ile(Xaa)Lys
                     Xaa Gly Phe His Leu Val Ile Glu Leu Glu Asp Leu Gly
     188 145
                            150
W--> 190 Pro Gln Phe Glu Phe Leu Val Ala Tyr Trp Xaa Arg Glu Pro Gly Ala
     191
                        165
                                            170
                                                               175
     193 Glu Glu His Val Lys Met Val Arg Ser Gly Gly Ile Pro Val His Leu
                    180
                                        185
                                                           190
     196 Glu Thr Met Glu Pro Gly Ala Ala Tyr Cys Val Lys Ala Gln Thr Phe
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                                  200
                                                       205
W--> 199 Val Lys Ala Ile Gly( Xaa Tyr Ser Ala Phe Ser Gln Thr Glu Cys Val
W--> 202 (Xaa /al Gln Gly Glu Ala Ile Pro Leu Val Leu Ala Leu Phe Ala Phe
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235

Sll , Len 10 on Ever Summary Sheet



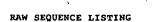
DATE: 03/27/2001

PATENT APPLICATION: US/09/265,540D TIME: 10:50:04

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Output Set: N:\CRF3\03272001\1265540D.raw

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                                                250
      208 Met Gly Arg Leu Leu Gln Tyr Ser Cys Cys Pro Val Val Leu Pro
      209
                      260
                                          265
                                                                270
      211 Asp Thr Leu Lys Ile Thr Asn Ser Pro Gln Lys Leu Ile Ser Cys Arg
                 275
                                     280
                                                           285
      214 Arg Glu Glu Val Asp Ala Cys Ala Thr Ala Val Met Ser Pro Glu Glu
      215 290
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                                                        300
      217 Leu Leu Arg Ala Trp Ile Ser
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      232 <222> LOCATION: (193)
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      236 Arg Val Asp Pro Arg Val Arg Leu Val Ser Pro Trp Leu Thr Val Pro
      237
                                                   10
      239 tgg ttc ctg tcc tgt tgg aat gtt acc att ggg cct cct gag agc atc
      240 Trp Phe Leu Ser Cys Trp Asn Val Thr Ile Gly Pro Pro Glu Ser Ile
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                                            25
                                                                 30
      243 tgg gtg acg ccg gga gaa gcc tcc ctc atc atc agg ttc tcc tct ccc
      244 Trp Val Thr Pro Gly Glu Ala Ser Leu Ile Ile Arg Phe Ser Ser Pro
              35
                                      40
      247 ttc gac gtc cct ccc aac ctg ggc tat ttc cag tac tat gtc cat tay
                                                                                193
> 248 Phe Asp Val Pro Pro Asn Leu Gly Tyr Phe Gln Tyr Tyr Val His Xaa
      249 50
                                    55
      251 tgg gaa aag gcg gga atc caa aag gtt aaa ggt cct ttc aag agc aac 252 Trp Glu Lys Ala Gly Ile Gln Lys Val Lys Gly Pro Phe Lys Ser Asn
                                                                                241
                                                    75
      253 65
                              70
      255 tcc atc gtg ttg gat ggc ttg aga ccc tta aga gaa tac tgt tta caa
      256 Ser Ile Val Leu Asp Gly Leu Arg Pro Leu Arg Glu Tyr Cys Leu Gln
      257
                           8.5
                                                9.0
      259 gtg aag gcg cat ctc ttt cgc aca tcc tgc aac acc tct agg ccc ggc
      260 Val Lys Ala His Leu Phe Arg Thr Ser Cys Asn Thr Ser Arg Pro Gly
                      100
                                           105
      261
                                                                110
      263 cgc tta agc aac ata act tgc tac gaa aca atg atg gat gcc act acg
                                                                                385
      264 Arg Leu Ser Asn Ile Thr Cys Tyr Glu Thr Met Met Asp Ala Thr Thr
      267 aag ctt caa caa gtc atc ctc atc gcc gtg gga gtc ttt ctg tcg ctg 268 Lys Leu Gln Gln Val Ile Leu Ile Ala Val Gly Val Phe Leu Ser Leu \frac{1}{2}
      269 130
                                  135
                                                       140
      271 gcg gcg ctg gcg ggg ggc tgt ttc ttc ctg gtg ctg aga tac aaa ggc
```



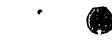
DATE: 03/27/2001 TIME: 10:50:04

Input Set : A:\804k.app

Output Set: N:\CRF3\03272001\1265540D.raw

PATENT APPLICATION: US/09/265,540D

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272 Ala Ala Leu Ala Gly Gly Cys Phe Phe Leu Val Leu Arg Tyr Lys Gly
    273 145
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    275 ctg gtg aaa tac tgg ttt cac tct ccg cca agc atc cca tca caa atc
    276 Leu Val Lys Tyr Trp Phe His Ser Pro Pro Ser Ile Pro Ser Gln Ile
                       165
                                           170
                                                               175
    279 gaa gag tat ctg aag gac ccg agc cag cct atc cta gag gcc ctg gac
     280 Glu Glu Tyr Leu Lys Asp Pro Ser Gln Pro Ile Leu Glu Ala Leu Asp
    281
                    180
                                        185
    283 aag gac acg tca cca aca gat gat gcc tgg gac ttg gtg tct gtt gtt
     284 Lys Asp Thr Ser Pro Thr Asp Asp Ala Trp Asp Leu Val Ser Val Val
    285
             195
                                   200
                                                      205
     287 gca ttt cca gca aag gag caa gaa gat gtt ccc caa agc act ttg acc
     288 Ala Phe Pro Ala Lys Glu Gln Glu Asp Val Pro Gln Ser Thr Leu Thr
                               215
                                                   220
     291 caa aac tot ggt gcg gto tgc tagootgtgg ggtaagggot otgagoogag
     292 Gln Asn Ser Gly Ala Val Cys
     293 225
                            230
     295 gaagetgetg atgtecatgt cageacttta tggaateegg teeteeattt teetgteeee 784
     297 aaaaaggcccg tcagtgcctg tgaagatgta acgggtctca tgggggcgac aagcttattg 844
     299 attttttct tcaaactaag agttttctaa tcatacgcgt ttttagaata attctacaga 904
     301 tatgtccccg aaagattaag atttctctta aacactaaaa agacatgtaa ttatttgtta 964
     303 gcaaatgggc gtctggcacg cctctgacac tttttcgtca gcagccagga cacgaggtcc 1024
     305 ceteettgat gaageeeete gggeagaeea tgteacetgt eeeageetge eeeaagaagg 1084
     307 gacattaagt ggcccttctt catatccaaa cacctggctt gaaatgtgat tagccctgta 1144
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     319 <400> SEQUENCE: 4
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     324
                  20
     326 Trp Val Thr Pro Gly Glu Ala Ser Leu Ile Ile Arg Phe Ser Ser Pro
     327
                35
                                    40
                                                        45
W--> 329 Phe Asp Val Pro Pro Asn Leu Gly Tyr Phe Gln Tyr Tyr Val His (Xaa)
         50
    330
                                55
    332 Trp Glu Lys Ala Gly Ile Gln Lys Val Lys Gly Pro Phe Lys Ser Asn 333 \, 65 \, 70 \, 75 \, 80
     333 65
     335 Ser Ile Val Leu Asp Gly Leu Arg Pro Leu Arg Glu Tyr Cys Leu Gln
                        85
                                            90
    338 Val Lys Ala His Leu Phe Arg Thr Ser Cys Asn Thr Ser Arg Pro Gly 339 100 105 110
    339
                   100
                                      105
                                                          110
     341 Arg Leu Ser Asn Ile Thr Cys Tyr Glu Thr Met Met Asp Ala Thr Thr
    342 115
                                  120
                                                      125
     344 Lys Leu Gln Gln Val Ile Leu Ile Ala Val Gly Val Phe Leu Ser Leu
           130
                                135
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/265,540D

DATE: 03/27/2001 TIME: 10:50:05

Input Set : A:\804k.app

Output Set: N:\CRF3\03272001\1265540D.raw

L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 E:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
E:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
E:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 L:187 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2 L:187 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:2 压:187 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2 L:187 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2 L:187 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2 L:190 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2 L:190 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:2 L:190 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2 L:190 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2 M:340 Repeated in SeqNo-2 L:199 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2 L:199 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:2 L:199 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2 L:199 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2 L:202 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2 L:202 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:2 L:202 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2 L:202 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2 L:248 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3 L:248 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3 L:329 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:4 L:329 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4 IL: 329 M: 258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4 L: 329 M: 258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4 L:329 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4